

FIG. 1

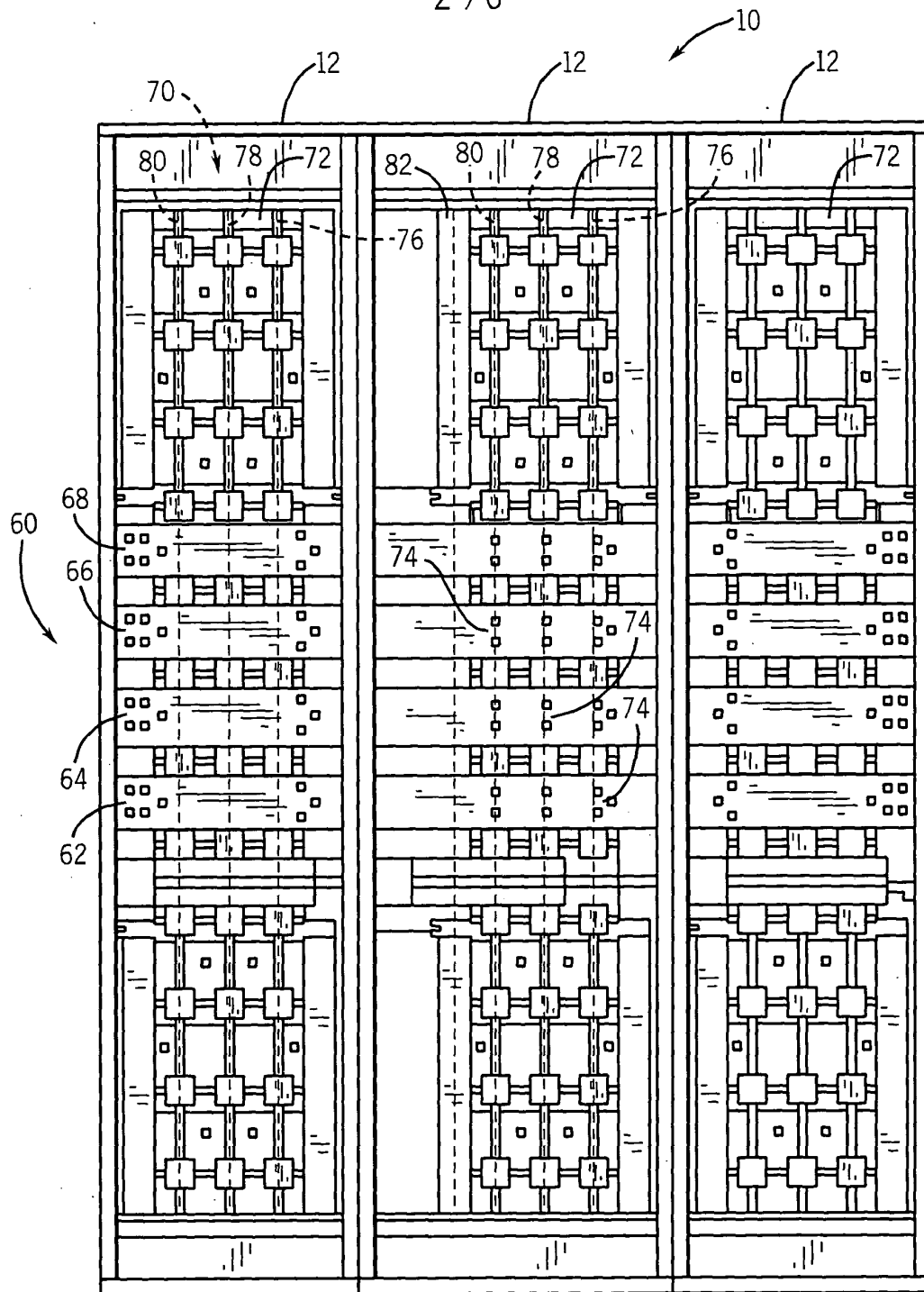


FIG. 2

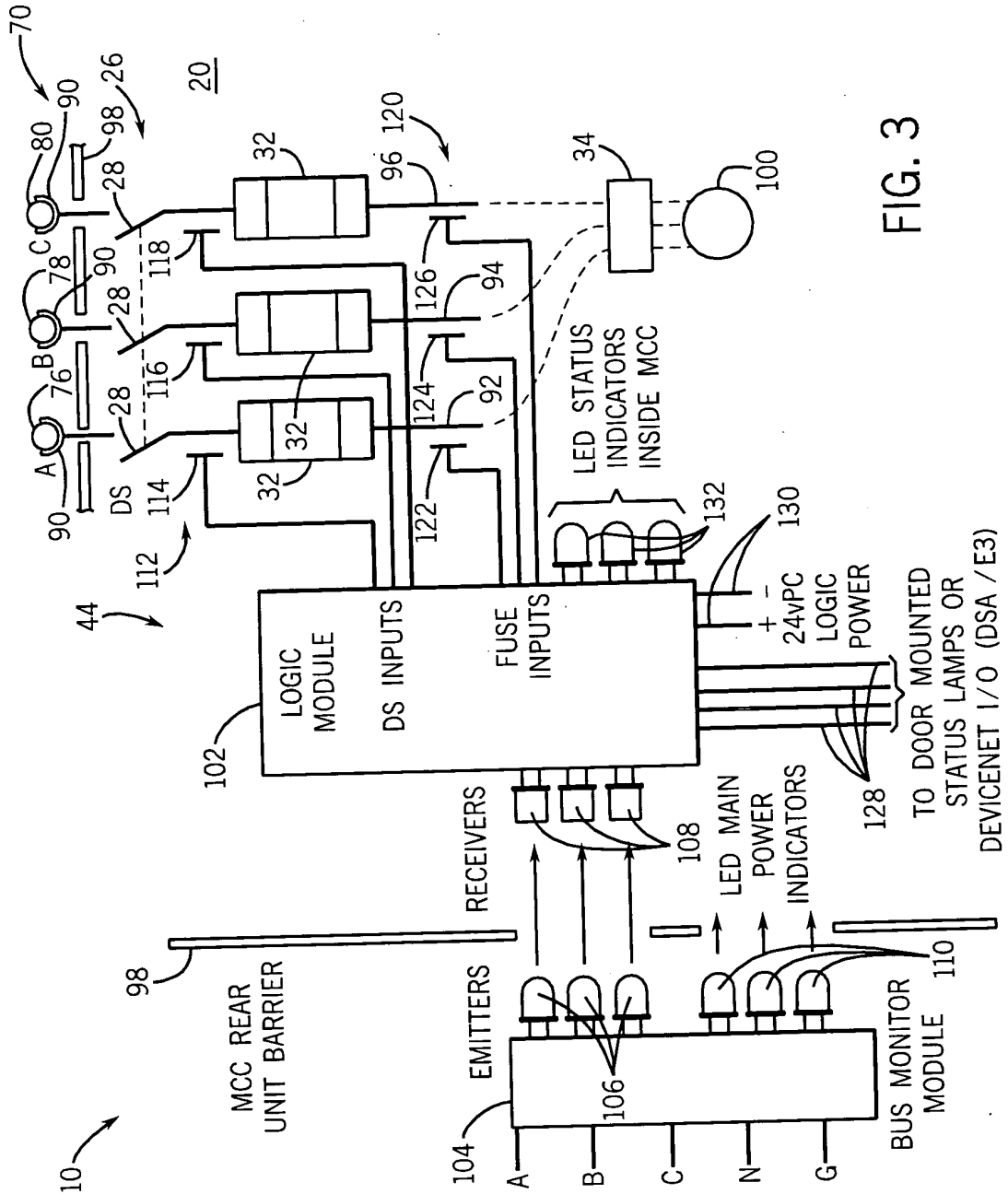


FIG. 3

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	164	146	148	150	152	154	156	158	160	162	166	144
		MAIN			DS			FUSE			Device Diagnostic	Hazard Code
		A	B	C	A	B	C	A	B	C		
170	0	0	0	0	0	0	0	0	0	0	Main Off	Main Fault
	1	0	0	0	0	0	0	0	0	1	Illegal Condition	System Fault
172	64	0	0	1	0	0	0	0	0	0	Main Fault	Main Fault
174	65	0	0	1	0	0	0	0	0	1	Illegal Condition	System Fault
	72	0	0	1	0	0	1	0	0	0	Main Fault	Main Fault
	73	0	0	1	0	0	1	0	0	1	Main Fault	Main Fault
	74	0	0	1	0	0	1	0	1	0	Illegal Condition	System Fault
	128	0	1	0	0	0	0	0	0	0	Main Fault	Main Fault
	129	0	1	0	0	0	0	0	0	1	Illegal Condition	System Fault
	144	0	1	0	0	1	0	0	0	0	Main Fault	Main Fault
	145	0	1	0	0	1	0	0	0	1	Illegal Condition	System Fault
	146	0	1	0	0	1	0	0	1	0	Main Fault	Main Fault
	147	0	1	0	0	1	0	0	1	1	Illegal Condition	System Fault
	192	0	1	1	0	0	0	0	0	0	Main Fault	Main Fault
	193	0	1	1	0	0	0	0	0	1	Illegal Condition	System Fault
	216	0	1	1	0	1	1	0	0	0	Main Fault	Main Fault
	217	0	1	1	0	1	1	0	0	1	Main Fault	Main Fault
	218	0	1	1	0	1	1	0	1	0	Main Fault	Main Fault
	219	0	1	1	0	1	1	0	1	1	Main Fault	Main Fault
	220	0	1	1	0	1	1	1	0	0	Illegal Condition	System Fault
	256	1	0	0	0	0	0	0	0	0	Main Fault	Main Fault
	257	1	0	0	0	0	0	0	0	1	Illegal Condition	System Fault
	288	1	0	0	1	0	0	0	0	0	Main Fault	Main Fault
	289	1	0	0	1	0	0	0	0	1	Illegal Condition	System Fault
	290	1	0	0	1	0	0	0	1	0	Illegal Condition	System Fault
	291	1	0	0	1	0	0	0	1	1	Illegal Condition	System Fault
	292	1	0	0	1	0	0	1	0	0	Main Fault	Main Fault
	293	1	0	0	1	0	0	1	0	1	Illegal Condition	System Fault

FIG. 4A

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	MAIN			DS			FUSE			Device Diagnostic	Hazard Code
	A	B	C	A	B	C	A	B	C		
320	1	0	1	0	0	0	0	0	0	Main Fault	Main Fault
321	1	0	1	0	0	0	0	0	1	Illegal Condition	System Fault
⋮											
360	1	0	1	1	0	1	0	0	0	Main Fault	Main Fault
361	1	0	1	1	0	1	0	0	1	Main Fault	
362	1	0	1	1	0	1	0	1	0	Illegal Condition	System Fault
363	1	0	1	1	0	1	0	1	1	Illegal Condition	System Fault
364	1	0	1	1	0	1	1	0	0	Main Fault	Main Fault
365	1	0	1	1	0	1	1	0	1	Main Fault	Main Fault
366	1	0	1	1	0	1	1	1	0	Illegal Condition	System Fault
⋮											
384	1	1	0	0	0	0	0	0	0	Main Fault	Main Fault
385	1	1	0	0	0	0	0	0	1	Illegal Condition	System Fault
⋮											
432	1	1	0	1	1	0	0	0	0	Main Fault	Main Fault
433	1	1	0	1	1	0	0	0	1	Illegal Condition	System Fault
434	1	1	0	1	1	0	0	1	0	Main Fault	Main Fault
435	1	1	0	1	1	0	0	1	1	Illegal Condition	System Fault
436	1	1	0	1	1	0	1	0	0	Main Fault	Main Fault
437	1	1	0	1	1	0	1	0	1	Illegal Condition	System Fault
438	1	1	0	1	1	0	1	1	0	Main Fault	Main Fault
439	1	1	0	1	1	0	1	1	1	Illegal Condition	System Fault
⋮											
448	1	1	1	0	0	0	0	0	0	Unit Power Off	Unit Power Off
449	1	1	1	0	0	0	0	0	1	Illegal Condition	System Fault
⋮											
456	1	1	1	0	0	1	0	0	0	DS Fault	Disc Sw Fault
457	1	1	1	0	0	1	0	0	1	DS Fault	Disc Sw Fault
458	1	1	1	0	0	1	0	1	0	Illegal Condition	System Fault
⋮											
464	1	1	1	0	1	0	0	0	0	DS Fault	Disc Sw Fault
465	1	1	1	0	1	0	0	0	1	Illegal Condition	System Fault
466	1	1	1	0	1	0	0	1	0	DS Fault	Disc Sw Fault
467	1	1	1	0	1	0	0	1	1	Illegal Condition	System Fault
⋮											
472	1	1	1	0	1	1	0	0	0	DS Fault	Disc Sw Fault
473	1	1	1	0	1	1	0	0	1	DS Fault	Disc Sw Fault
474	1	1	1	0	1	1	0	1	0	DS Fault	Disc Sw Fault
475	1	1	1	0	1	1	0	1	1	DS Fault	Disc Sw Fault
476	1	1	1	0	1	1	1	0	0	Illegal Condition	System Fault

FIG. 4B

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164 146 148 150 152 154 156 158 160 162 166 168

	MAIN			DS			FUSE			Device Diagnostic	Hazard Code
	A	B	C	A	B	C	A	B	C		
477	1	1	1	0	1	1	1	0	1	Illegal Condition	System Fault
478	1	1	1	0	1	1	1	1	0	Illegal Condition	System Fault
479	1	1	1	0	1	1	1	1	1	Illegal Condition	System Fault
480	1	1	1	1	0	0	0	0	0	DS Fault	Disc Sw Fault
481	1	1	1	1	0	0	0	0	1	Illegal Condition	System Fault
482	1	1	1	1	0	0	0	1	0	Illegal Condition	System Fault
483	1	1	1	1	0	0	0	1	1	Illegal Condition	System Fault
484	1	1	1	1	0	0	1	0	0	DS Fault	Disc Sw Fault
485	1	1	1	1	0	0	1	0	1	Illegal Condition	System Fault
486	1	1	1	1	0	0	1	1	0	Illegal Condition	System Fault
487	1	1	1	1	0	0	1	1	1	Illegal Condition	System Fault
488	1	1	1	1	0	1	0	0	0	DS Fault	Disc Sw Fault
489	1	1	1	1	0	1	0	0	1	DS Fault	Disc Sw Fault
490	1	1	1	1	0	1	0	1	0	Illegal Condition	System Fault
491	1	1	1	1	0	1	0	1	1	Illegal Condition	System Fault
492	1	1	1	1	0	1	1	0	0	DS Fault	Disc Sw Fault
493	1	1	1	1	0	1	1	0	1	DS Fault	Disc Sw Fault
494	1	1	1	1	0	1	1	1	0	Illegal Condition	System Fault
495	1	1	1	1	0	1	1	1	1	Illegal Condition	System Fault
496	1	1	1	1	1	0	0	0	0	DS Fault	Disc Sw Fault
497	1	1	1	1	1	0	0	0	1	Illegal Condition	System Fault
498	1	1	1	1	1	0	0	1	0	DS Fault	Disc Sw Fault
499	1	1	1	1	1	0	0	1	1	Illegal Condition	System Fault
500	1	1	1	1	1	0	1	0	0	DS Fault	Disc Sw Fault
501	1	1	1	1	1	0	1	0	1	Illegal Condition	System Fault
502	1	1	1	1	1	0	1	1	0	DS Fault	Disc Sw Fault
503	1	1	1	1	1	0	1	1	1	Illegal Condition	System Fault
504	1	1	1	1	1	1	0	0	0	Blown Fuse	Blown Fuse
505	1	1	1	1	1	1	0	0	1	Blown Fuse	Blown Fuse
506	1	1	1	1	1	1	0	1	0	Blown Fuse	Blown Fuse
507	1	1	1	1	1	1	0	1	1	Blown Fuse	Blown Fuse
508	1	1	1	1	1	1	1	0	0	Blown Fuse	Blown Fuse
509	1	1	1	1	1	1	1	0	1	Blown Fuse	Blown Fuse
510	1	1	1	1	1	1	1	1	0	Blown Fuse	Blown Fuse
511	1	1	1	1	1	1	1	1	1	All On	All On - Normal

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FIG. 4C